

10/568184

JAP20 Rec'd PCT/PTO 13 FEB 2006

H&A-5202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yoshihiro SUKEGAWA, et al

Serial No.: ~~not yet assigned~~ 10/568,184

Filed: February 13, 2006

For: SPARK IGNITION ENGINE AND METHOD OF CONTROLLING  
COMBUSTION OF THE ENGINE

Group: ~~not yet assigned~~ 3747

Examiner: ~~not yet assigned~~ HIEU VO

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 13, 2006

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

The documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version

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IAP20 Recd at POM/10 13 FEB 2006

or translation of the foreign patent office report citing the documents and by the discussion of one of the documents in the specification.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

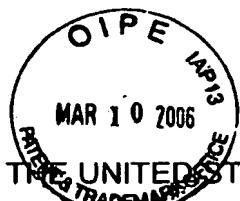
Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (H&A-5202) please credit any excess fees to such deposit account.

Respectfully submitted,

SM/nac  
(703) 684-1120

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Shrinath Malur  
Registration No. 34,663  
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/568,184 Confirmation No. ~~TBD~~ 5581

Applicant : Y. SUKEGAWA et al

Filed : February 13, 2006

Title : SPARK IGNITION ENGINE AND METHOD OF CONTROLLING COMBUSTION OF THE ENGINE

TC/AU : ~~TBD~~ 3747

Examiner : ~~TBD~~ HIEU VO

Docket No. : H&A-5202

Customer No.: 24956

Commissioner for Patents  
Mail Stop DD  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT (IDS)**  
**UNDER § 1.97 AND § 1.98**

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card

Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed when needed.

4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

5. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

for *Genevieve Stockman RN21,021*  
By *Shrinath Malur*  
Reg. No. 34,663  
(703) 684-1120

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. H&A-5202	SERIAL NO. Not yet assigned <b>10/568184</b>
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	APPLICANT Yoshihiro SUKEGAWA, et al	
FILING DATE February 13, 2006		GROUP Not yet assigned <b>3747</b>	

## U.S. PATENT DOCUMENTS

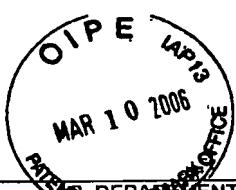
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
/HV/	AM 2003-214235	7/03	JP			X	
	AN 2003-83128	3/03	JP			X	
	AO 2003-193841	07/03	JP			X	
	AP 8-232645	09/96	JP			X	
	AQ 9-125944	05/97	JP			X	
	AR 11-166410	06/99	JP			X	
	AS 8-1193	7/96	JP			X	
	AT 7-197808	8/95	JP			X	
/HV/	AU 7-83043	3/95	JP			X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AV	
AW	
AX	
AY	
AZ	
Examiner	Date Considered
/Hieu Vo/	09/29/2007



Sheet 1 of 1

FORM PTO-1449  
(REV. 7-80)

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
H&A-5202

SERIAL NO.  
10/568,184

**LIST OF DOCUMENTS CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT  
Y. SUKEGAWA et al

FILING DATE

February 13, 2006

GROUP 3747

**U. S. PATENT DOCUMENTS**

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/HV/ AL	11-294157	10/26/99	JP (with English abstract)			<input type="checkbox"/> <input type="checkbox"/>
AM						<input type="checkbox"/> <input type="checkbox"/>
AN						<input type="checkbox"/> <input type="checkbox"/>
AO						<input type="checkbox"/> <input type="checkbox"/>
AP						<input type="checkbox"/> <input type="checkbox"/>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

AR		
AS		
AT		

EXAMINER

/Hieu Vo/

DATE CONSIDERED

09/29/2007

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.